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NOTICE OF ALLOWANCE AND FEE(S) DUE

23696

7590

12/01/2009

QUALCOMM INCORPORATED 5775 MOREHOUSE DR. SAN DIEGO, CA 92121 EXAMINER

TORRES, JOSEPH D

ART UNIT PAPER NUMBER

2112

DATE MAILED: 12/01/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/789,605	02/27/2004	Hanfang Pan	030475	9037

TITLE OF INVENTION: EFFICIENT MULTI-SYMBOL DEINTERLEAVER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	03/01/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifica	ed below or directed oth	ng the Patent, advance onerwise in Block 1, by (rders and notification a) specifying a new co	of m	naintenance fees w pondence address;	ill be and/or	mailed to the current of (b) indicating a separ	orrespondence address as ate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 23696 7590 12/01/2009 QUALCOMM INCORPORATED 5775 MOREHOUSE DR. SAN DIEGO, CA 92121				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.				
								(Signature)
				L_				(Date)
APPLICATION NO.	PLICATION NO. FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.		RNEY DOCKET NO.	CONFIRMATION NO.
10/789,605 TITLE OF INVENTION	02/27/2004 EEFFICIENT MULTI-S	SYMBOL DEINTERLEA	Hanfang Pan AVER				030475	9037
		I	Design to a measurement	[DDELL DANS IGGER		TOTAL FED (2) DATE	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	UE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional EXAM	NO	\$1510 ART UNIT	\$300 CLASS-SUBCLASS	\neg	\$0 1		\$1810	03/01/2010
	TORRES, JOSEPH D		714-701000					
"Fee Address" ind PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Unl	ND RESIDENCE DATA less an assignee is ident h in 37 CFR 3.11. Comp	" Indication form led. Use of a Customer A TO BE PRINTED ON	data will appear on th	inativesingles or against attor libe per typene pagan a	ely, e firm (having as a gent) and the name neys or agents. If rorinted. e) ettent. If an assignessignment.	membes of upon name	er a 2p to ge is 3lentified below, the do	cument has been filed for
Please check the appropr	iate assignee category or	categories (will not be p	rinted on the patent):		Individual 🖵 Co	rporati	on or other private grou	p entity 🗖 Government
4a. The following fee(s) are submitted: ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 					
	s SMALL ENTITY statu	ıs. See 37 CFR 1.27.	==		<u> </u>		FITY status. See 37 CF	·=· · · ·
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if requesion of the United Sta	uired) will not be accepte ites Patent and Trademark	d from anyone other the Office.	an th	ne applicant; a regis	tered a	attorney or agent; or the	assignee or other party in
Authorized Signature					Date			
Typed or printed name			Registration No.					
an application Confident	tiality is governed by 35 d application form to the ions for reducing this but Virginia 22313-1450. DC	LLS C 122 and 37 CFR	1.14 This collection is	s esti	imated to take 12 n	ninutes	to complete including	by the USPTO to process) gathering, preparing, and e you require to complete tment of Commerce, P.O. or Patents, P.O. Box 1450,

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QUALCOMM INCORPORATED				TORRES, JOSEPH D			
5775 MOREHOUSE DR.			ART UNIT PAPER NUME				
SAN DIEGO, CA 92121				2112			
				DATE MAILED: 12/01/2009			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 363 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 363 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)		
	10/789,605	PAN ET AL.		
Notice of Allowability	Examiner	Art Unit		
	Jaconh D. Towns	2442		
	Joseph D. Torres	2112		
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate community. This application is s	n this application. If not included unication will be mailed in due cou	rse. THIS	
1. This communication is responsive to the Amendment After	Final filed 01/12/2009.			
2. X The allowed claim(s) is/are 16-19, 21, 22, 29-35, 37-54 and	<u>d 72-82</u> .			
3. ☐ Acknowledgment is made of a claim for foreign priority ura) ☐ All b) ☐ Some* c) ☐ None of the:	nder 35 U.S.C. § 119(a)-(d)	or (f).		
 Certified copies of the priority documents have 	been received.			
2. Certified copies of the priority documents have	been received in Application	n No		
3. Copies of the certified copies of the priority do	cuments have been receive	d in this national stage application	from the	
International Bureau (PCT Rule 17.2(a)).				
* Certified copies not received:				
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		a reply complying with the require	∍ments	
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			CE OF	
5. CORRECTED DRAWINGS (as "replacement sheets") mus	et be submitted.			
(a) ☐ including changes required by the Notice of Draftspers		v (PTO-948) attached		
1) ☐ hereto or 2) ☐ to Paper No./Mail Date	-	,		
(b) ☐ including changes required by the attached Examiner's		in the Office action of		
Paper No./Mail Date				
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			k) of	
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			the:	
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. Notice of In	formal Patent Application		
<u> </u>				
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	Paper No.	ummary (PTO-413), Mail Date		
3. Information Disclosure Statements (PTO/SB/08),	7. ☐ Examiner's	Amendment/Comment		
Paper No./Mail Date <u>09/17/2009</u> 4. ☐ Examiner's Comment Regarding Requirement for Deposit	8. 🔲 Examiner's	Statement of Reasons for Allowar	nce	
of Biological Material 9. ☐ Other				
/Joseph D Torres/				
Primary Examiner, Art Unit 2112				